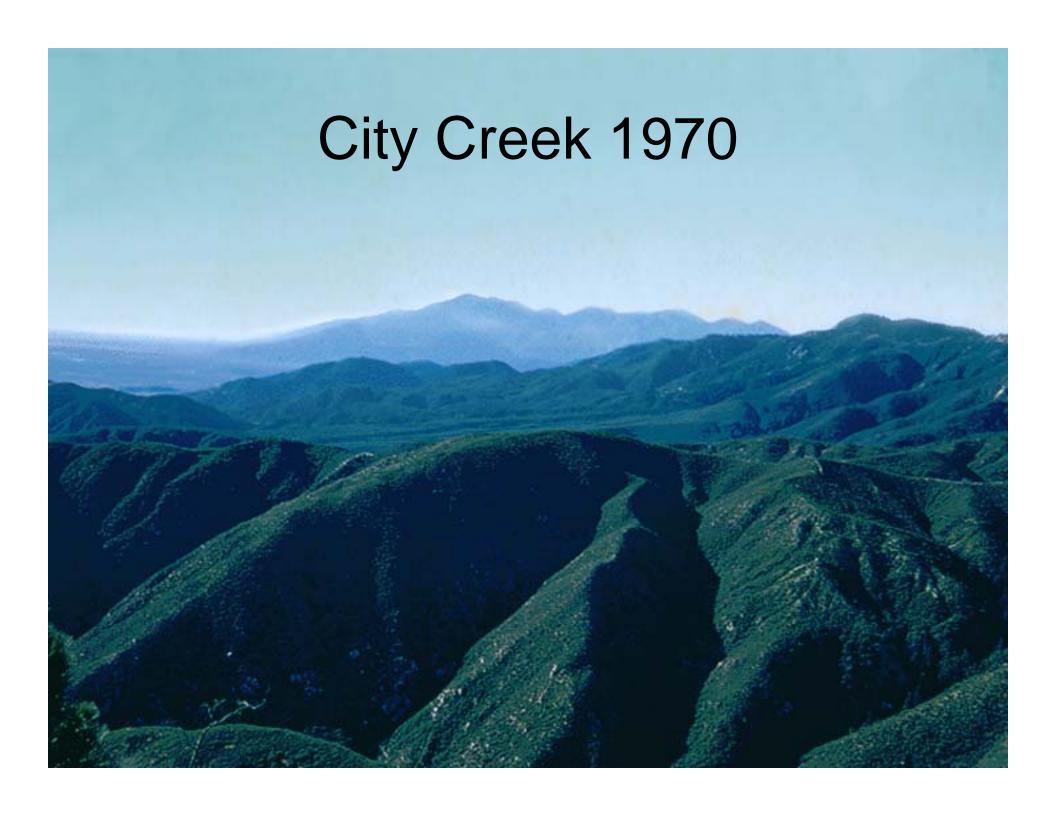
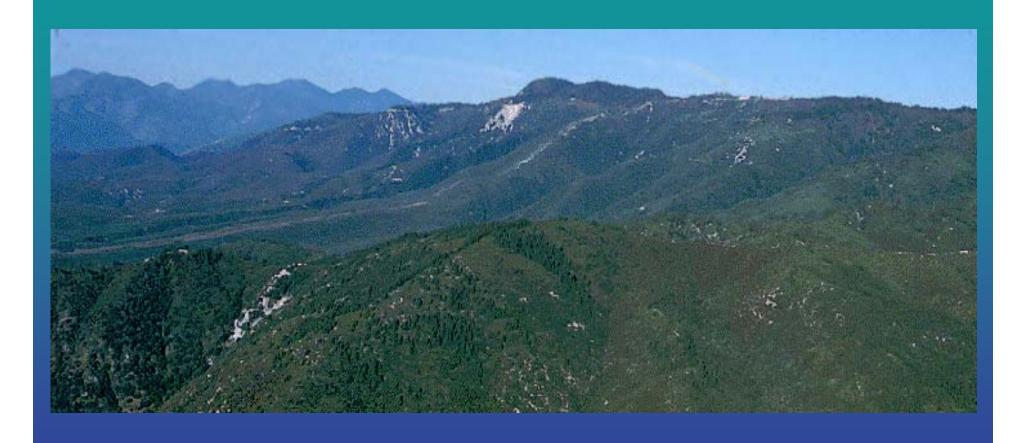


Place this slide after slide 7. Entitle it: City Creek, 2003

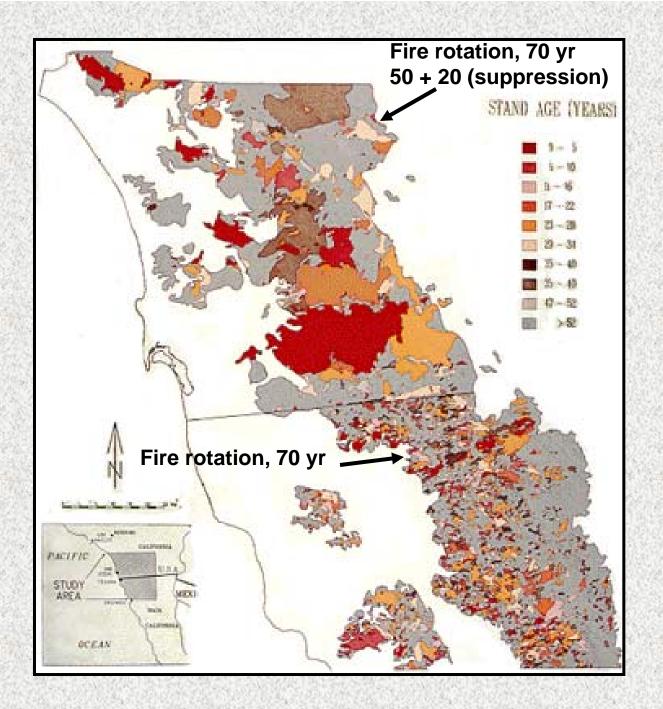


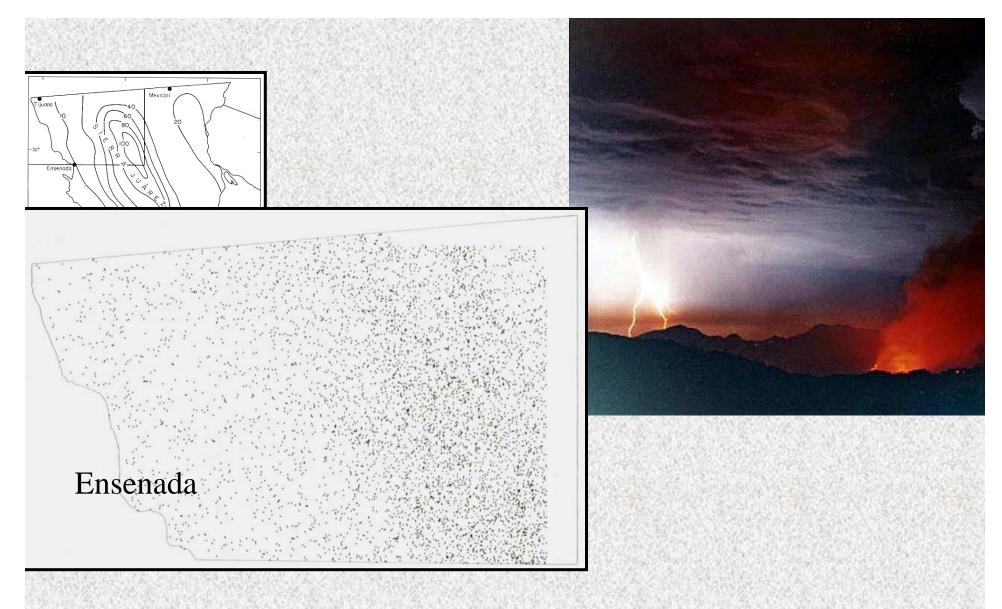


City Creek 1995



Negative feedback between fire frequency and size due to patch fragmentation



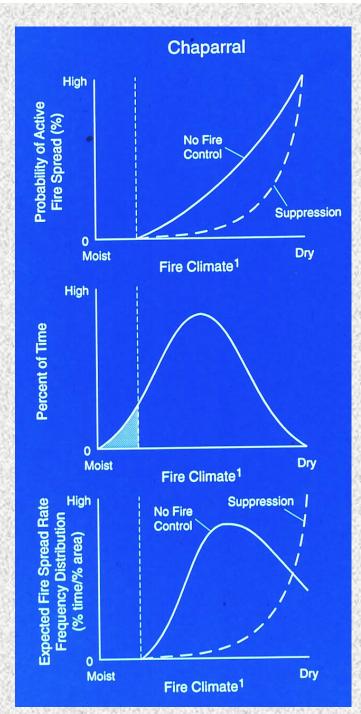


IGNITION RATES (LIGHTNING FLUX = 0.5 \text{ to } 3.0 \text{ km}^2 \text{ yr}^1 The influence of human ignitions

Fire spread rates

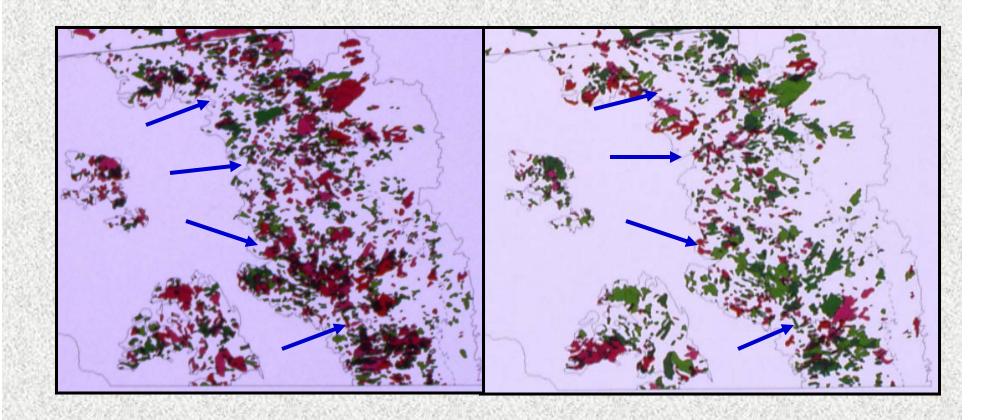
Climate →

Landscape spread rates

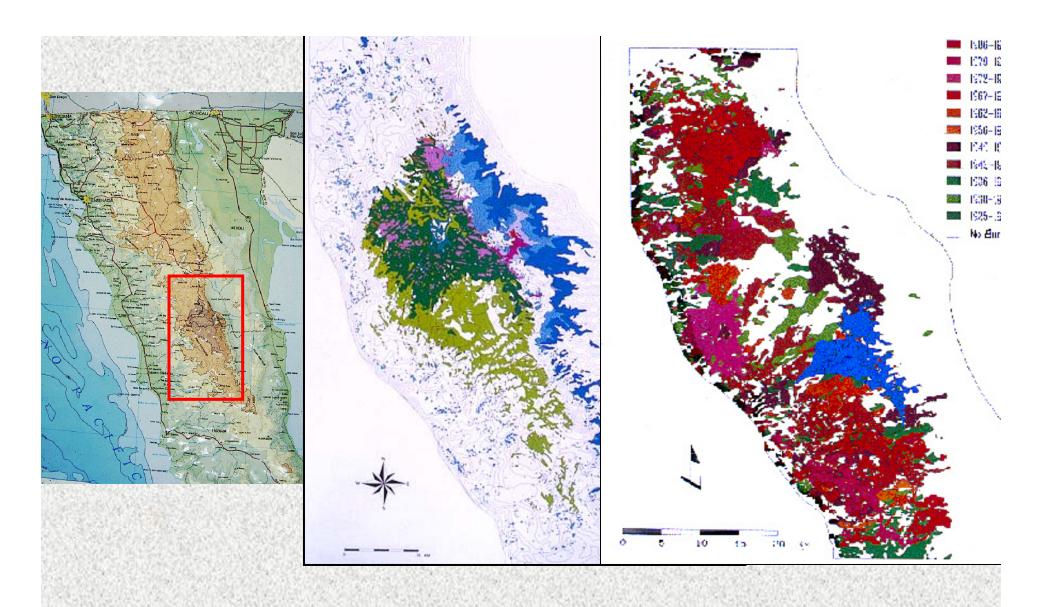


Fire weather:

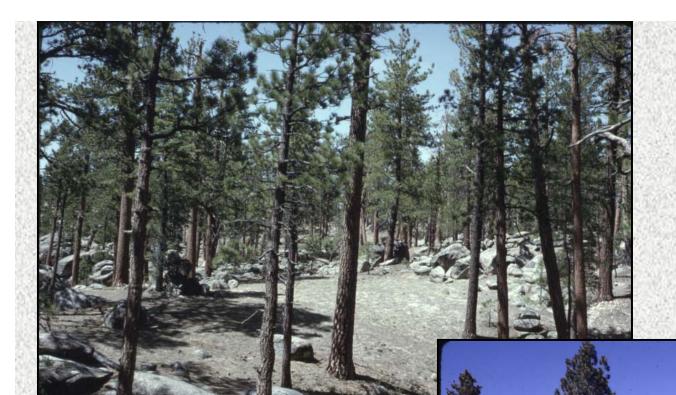
Non-randomization of large fires to the most severe weather risk states.



Fire orientation and slope winds



Sierra San Pedro Martir Fire interval, 50 years

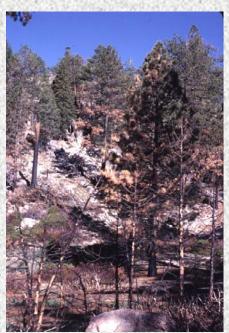


Subcanopy burns in open mixed-conifer forest





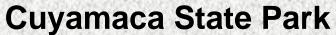
Succession of shrubs and trees





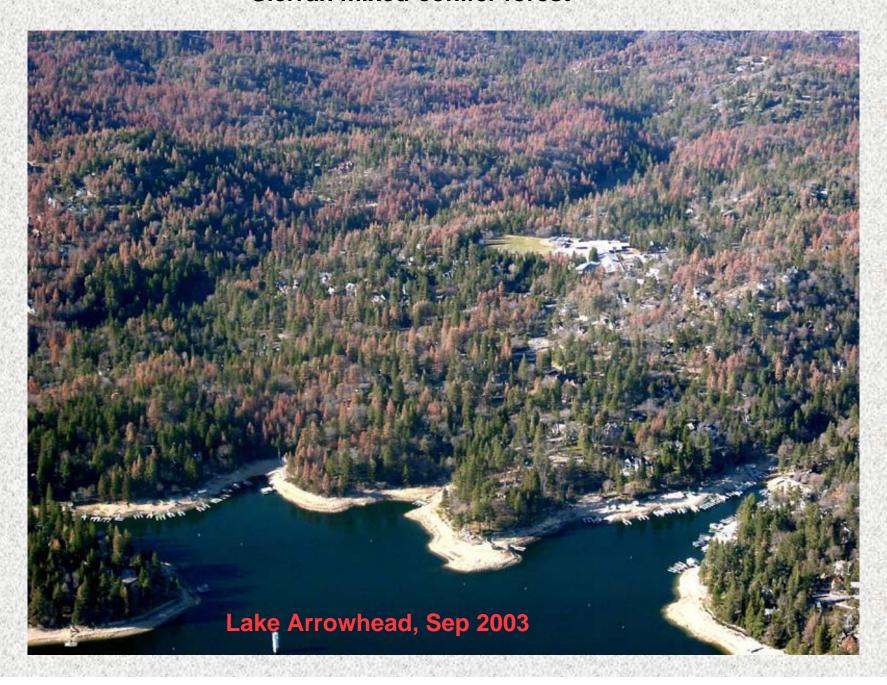
Renewal of open forest

Hot understory fires





Sierran mixed-conifer forest

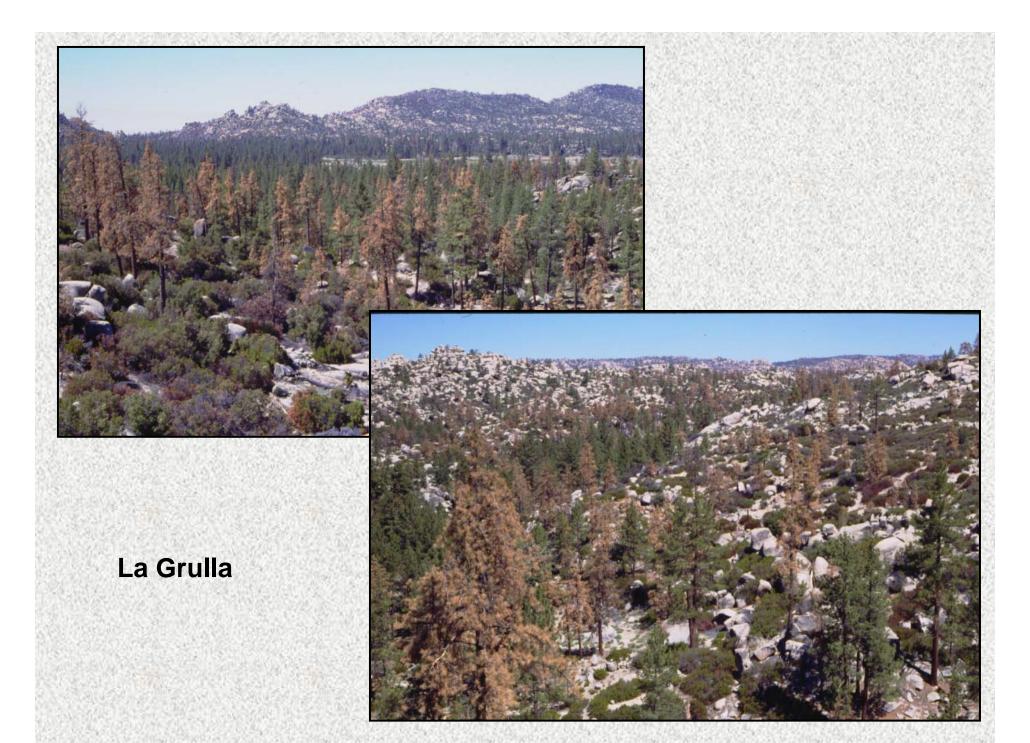




Twin Peaks, Nov 2003



Sierra San Pedro Martir (open forest resistant to the drought of 2003)





Santa Rosa

